TABLE OF CONTENTS

	PAGE
Studies in the Physiology of the Fungi. XII. Physiological Specialization in Rhizoctonia Solani Kühn.....Takashi Matsumoto	1– 62
Studies in the Physiology of the Fungi. XIII. The Effect of Hydrogen-Ion Concentration upon the Accumulation and Activation of Amylase Produced by Certain Fungi.....Joanne L. Karrer	63– 96
Two New Senecios from the West Indies .....J. M. Greenman	97–102
A Monograph of the Genus Lesquerella .....Edwin B. Payson	103–236
Studies in the Physiology of the Fungi. XIV. Sulphur Nutrition: The Use of Thiosulphate as Influenced by Hydrogen-Ion Concentration.....George M. Armstrong	237–281
Studies in the Physiology of the Fungi. XV. Germination of the Spores of Certain Fungi in Relation to Hydrogen-Ion Concentration.....Robert W. Webb	283–341
The Sizes of the Infective Particles in the Mosaic Disease of Tobacco..... .....B. M. Duggar and Joanne L. Karrer	343–356
Tilletia mexicana in Missouri.....H. R. Rosen	357–360
Some North American Tremellaceae, Dacryomycetaceae, and Auriculariaceae....E. A. Burt	361–396
General Index to Volume VIII.....	397–400